

Message

**From:** Hudson, Tonya [hudson.tonya@epa.gov]  
**Sent:** 8/29/2019 8:01:43 PM  
**To:** Bernard Nwosu [Ben.Nwosu@WestonSolutions.com]; Gaughan, Daniel [Gaughan.Daniel@epa.gov]  
**CC:** Sumbaly, Smita [S.Sumbaly@WestonSolutions.com]  
**Subject:** RE: Canadian Radium and Uranium Site | Site-Specific UFP QAPP Worksheets 24 & 25  
**Attachments:** QAPP Worksheet-15B(IsotopicThorium).docx; QAPP Worksheet-15C(IsotopicUranium).docx; QAPP Worksheet-15D(GammaSpec).docx; QAPP Worksheet-24(Instrument Calibration).docx; QAPP Worksheet-25(Instrument Equip Maintenance).docx; QAPP Worksheet-28B(IsotopicThorium).docx; QAPP Worksheet-28C(IsotopicUranium).docx; QAPP Worksheet-28D(GammaSpec).docx; QAPP Worksheet-12B(IsotopicThorium).docx; QAPP Worksheet-12C(IsotopicUranium).docx; QAPP Worksheet-12D(GammaSpec).docx

Hi Ben,

Attached are the completed worksheets as requested. Please let me know if you need additional information.

Thanks,  
Tonya

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**From:** Nwosu, Bernard <Ben.Nwosu@WestonSolutions.com>  
**Sent:** Thursday, August 29, 2019 10:16 AM  
**To:** Hudson, Tonya <hudson.tonya@epa.gov>; Gaughan, Daniel <Gaughan.Daniel@epa.gov>  
**Cc:** Sumbaly, Smita <S.Sumbaly@WestonSolutions.com>  
**Subject:** RE: Canadian Radium and Uranium Site | Site-Specific UFP QAPP Worksheets 24 & 25

Tonya,

Please see attached QAPP worksheets 24 & 25

Thank you!

*Ben Nwosu*  
Weston Solutions, Inc.  
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**From:** Nwosu, Bernard  
**Sent:** Thursday, August 29, 2019 10:53 AM  
**To:** [hudson.tonya@epa.gov](mailto:hudson.tonya@epa.gov); Gaughan, Daniel ([Gaughan.Daniel@epa.gov](mailto:Gaughan.Daniel@epa.gov)) <[Gaughan.Daniel@epa.gov](mailto:Gaughan.Daniel@epa.gov)>  
**Cc:** Sumbaly, Smita <[S.Sumbaly@WestonSolutions.com](mailto:S.Sumbaly@WestonSolutions.com)>  
**Subject:** Canadian Radium and Uranium Site | Site-Specific UFP QAPP

Good morning Tonya,

We are preparing the QAPP for the coming sampling event at the Canadian Radium and Uranium Site. The table below was generated based on the analytical data package from NAREL for our 2016 sampling event. I have attached QAPP Worksheets 12, 15, and 28 for you to fill out and email back to me so that we can update the QAPP accordingly. If you have any QA/QC questions please contact Smita (copied in this email), our QA/QC specialist. I appreciate your assistance.

Method	Description	Isotopes
NAREL ACT-02FTH	Alpha Spectroscopy (Isotopic Thorium)	Th227, Th228, Th230, Th232

NAREL ACT-02F-U	Alpha Spectroscopy (Isotopic Uranium)	U234, U235, U238
NAREL GAM-01-RA	Gamma Spectroscopy	Bi207, Bi212, Bi214, Cs137, Eu155, K40, Pb210, Pb212, Pb214, Ra226, Ra228, Th234, Tl208, U235

Thank you.

***Ben Nwosu***

**Safety Officer | Readiness Coordinator**

Weston Solutions, Inc.

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